

SMA

ROBO SCAN V2

Fully Robotic Page Turning Book Scanner



LARGE
DOCUMENT
SOLUTIONS

The NEXT Generation of Book Scanning is Here

Now Fully Automated with robotic page turning!

SMA is proud to introduce the most advanced line of robotic page turning book scanning technology.

The SMA ROBO SCAN is the most versatile book scanner available worldwide. The SMA ROBO SCAN is most commonly used for books, yet the scanners can easily convert to a flatbed scanner for newspapers, photographs, maps, architectural drawings and other flat originals.

- **Increased Performance**

The SMA ROBO SCAN can be operated as a fully automated page turning book scanner or as a manual book scanner. Not only will your productivity dramatically increase with the ROBO SCAN, but the operator is able to operate the ROBO SCAN in a manual mode for extremely rare or significantly damaged originals. The SMA ROBO SCAN features a sensitive robotic arm that carefully lifts and turns each page while detecting a multi-page or a no-page error.

- **Newest Addition**

SMA is pleased to announce the newest arrival of the ROBO SCAN family, the ROBO SCAN V2. The new 3-in-1 ROBO SCAN V2 features a V-Shape Cradle that can scan 3 different ways, V-Shape robotically (with/without glass), V-Shape manually (with/without glass), and Flat manually (without glass).

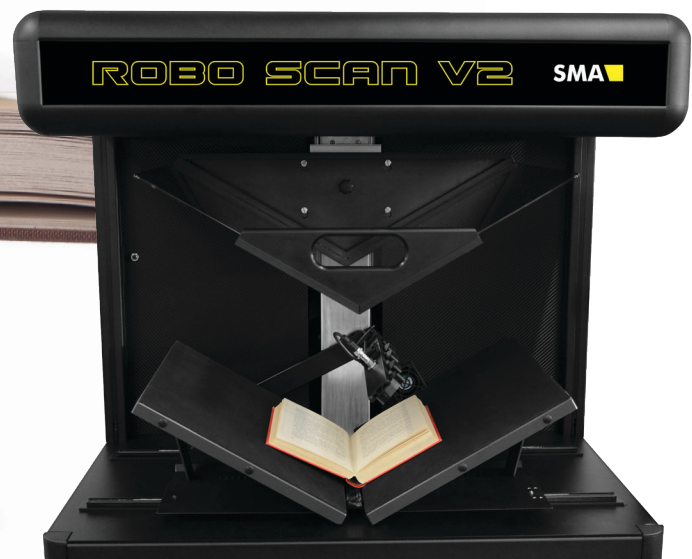
- **V3D Scanning**

The SMA ROBO SCAN is equipped with a VISUAL 3D camera head. V3D technology significantly increases the depth of field and offers perfect digital reproductions.



- **The Need for Speed**

The SMA ROBO SCAN was designed for applications where superior resolution quality and speed is critical. The utilized Gigabit Ethernet interface guarantees the highest possible image transfer rates resulting in increased productivity.



STEP

1



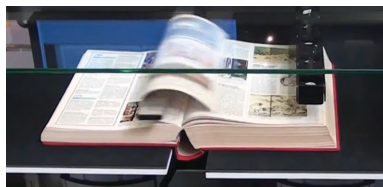
STEP

2



STEP

3



German Quality Innovation

Like all SMA scanners, the ROBO SCAN operates independent of ambient light. Bright sunlight or intense florescent ceiling light does not interfere in the scanning process. High quality images based on state of the art technology produces optical resolutions up to 600 x 1200 dpi in bi-tonal, gray scale, and color. The ROBO SCAN utilizes lighting that is completely free of any ultra violet or infrared radiation. This guarantees harmless and uniform illumination to the original.

ROBO SCAN V2

ROBO SCAN 2

ROBO SCAN 1

ROBO SCAN 0

Scanning Range	18" x 24.4" (460mm x 620mm)	20" x 25" (470mm x 635mm)	25" x 36" (635mm x 915mm)	38" x 48" (965mm x 1219mm)
Maximum Resolution	600 dpi	1200 dpi	1200 dpi	1200 dpi
Scan Speed (Manual - Full range)	300 dpi color: 2 seconds 600 dpi color: 4 seconds	300 dpi color: 3 seconds 600 dpi color: 6 seconds	300 dpi color: 6 seconds 600 dpi color: 12 seconds	300 dpi color: 9 seconds 600 dpi color: 18 seconds
Robotic Scanning Speed– Up to A1	540 pgs/hr at max format Smaller books increase productivity	300 pgs/hr at max format Smaller books increase productivity	240 pgs/hr at max format Smaller books increase productivity	180 pgs/hr at max format Smaller books increase productivity
Standard Book Cradle	V-Shaped 120° to 180°	Motorized pull out 35cm		
Book Cradle Options	N/A	Motorized pull out 50cm, or 140° Attachment		
Monitor/TV Stand	22" Monitor Included	Optional TV Stand for Large Format Monitor		
Camera System	Sealed and fully dust-proof			
Light Source	White LEDs, classified IEC 60825-1: class 1 free of IR and UV emission			
Scan Modes/ Color Depth	Color 48/24 bit • Color 48/8 bit • Gray Scale • Bi-Tonal			
Interface	TCP/IP Protocol/Gigabit Ethernet			
Operating Systems	Vista / 7 / 8 / 10 / 11 / 12			
Included Software	Batch Scan Wizard			
Ambient Conditions	Temperature 41° F to 104° F (+5° C to +40° C) • Humidity 20 to 80% • (non-condensed)			
Dimensions (WxDxH)	39" x 30" x 33"	47" x 41" x 41"	67" x 48" x 41"	59" x 57" x 43"
Weight	155 lbs (w/o PC)	239 lbs (w/o PC and Monitor)	375 lbs (w/o PC and Monitor)	375 lbs (w/o PC and Monitor)

• Meet the Rest of the Family!

SMA: The ideal supplier for complete solutions of scanning and preservation. For safely digitizing large originals, SMA offers a full line of large format flatbed scanners. If you have demand for long-term preservation, SMA offers an extensive line of Archive Writers.



• VERSASCAN Flatbed Family

SMA proudly presents the VERSASCAN with V3D scanning technology. V3D or Visual 3D increases the depth of field offering perfect reproductions of nearly any structured surface. Like all SMA scanners, the VERSASCAN operates independent of ambient light and can be utilized in all lighting environments. SMA is the only company in the world that offers a full line of large format flatbed scanners varying from A1+ to Double A0+. The utilized Gigabit Ethernet interface guarantees the highest possible image transfer rates resulting in increased productivity. High quality images based on state of the art technology produce optical resolutions of up to 600 x 1200 dpi in bi-tonal, gray scale, and color.



• SCAN MASTER Family

SMA offers a full line of high quality book scanners ranging in size from A2+ to A0+. Like all SMA scanners, the SCAN MASTER operates independent of ambient light and can be utilized in any lighting environment. SMA book scanners were designed for applications where superior resolution, quality, and speed are critical. The utilized Gigabit Ethernet interface guarantees the highest possible image transfer rates resulting in increased productivity. High quality images based on state of the art technology produce optical resolutions of up to 600 x 1200 dpi in bi-tonal, gray scale, and color.



• ARCHIVE WRITER Family

SMA offers the most complete line of Archive Writers to backup your digital files. Save your essential data subject to long-term archiving requirements with minimum effort. Cost Effective: SMA Archive Writers do not require the use of proprietary microfilm; any standard silver halide microfilm will create superior image quality in bi-tonal, gray scale, and color. SMA products can be upgraded in the future as your requirements change. Film options available from 16mm to 16/35mm to microfiche.

Large Document Solutions

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